NOV O 9 jnns

JW 2613

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL THATPULLE

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Edina Chap

Application Number	10/510,301
Filing Date	October 6, 2004
First Named Inventor	Ralph a. c. Braspenning
Group Art Unit	2613
Examiner Name	
Attorney Docket Number	NL 020285

		charge any required fee No. <u>14-1270.</u>	e under §1.17(i) or §1	1.17(p) or	any other r	required fee (exc	cept the issue fee) to
1.	☐ I certify counterpa	by that these documents were first cited in any communication from a foreign Patent Office in a surfer foreign application not more than three (3) months ago.					
2.	counterna	by that none of these documents were cited in any communication from a foreign Patent Office in a curt foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none locuments was known to any individual designated in §1.56(c) more than three (3) months ago.					
	Application Allowance	ant hereby petitions une, pays the fee under §	der §1.97(d) that this 1.17(p) as indicated b	IDS be co	onsidered a I I certify 1	ifter final Action or 2. as indicat	n or Notice of ed above.
	A fee umonths af	inder §1.17(p) is not re ter the date of applicati	quired under §1.97(c ion or RCE, because), after the I certify 1	e first Action or 2. as in	on on the merits adicated above.	and more than (3)
	☐ A copy application Filing Date	of the citations is not in (or in U.S. patent app	required because the plication Ser. No relied on for				
	A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.						
	A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).						
The co §1.56(The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:						
	cited in the specification or considered in drafting the specification of this application;						
	previously submitted or cited in the parent application (or in a related patent application Ser. NoFiling Date:;						
x cited as an "X" "Y" or "A" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
Name (Pi	rint Type)	Michael E. Belk			Registration N	o. (Attorney/Agent)	33,357
Signature	In P. 0 < 83						
	cignition , , , , , , , , , , , , , , , , , , ,						
CERTIFICATE OF MAILING OR TRANSMISSION I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents,							
P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # :							
Name (P	rint Type)	EDNA CHAPA	1				
Signature	•	Odera C	hapo		Date	11/7/05	

NOV O 9 ÎUÎS

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/510,301		
Filing Date	October 6, 2004		
First Named Inventor	Ralph A. Braspenning		
Art Unit	2613		
Examiner Name			
Attorney Docket Number	NI 020285		

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ .——	Number-Kind Code ^{2 (if known)} US-			
		05-			
		US-			
	<u> </u>	US-			
_		US-			
		US-			
	<u> </u>	US-			
		US-			
	1	US-			
		US-			
	1	US-			
		US-			
		US-			
	1	US-			
		US-			
		US-			
	1	US-			
	1 -	US-			
		US-			
	1	US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ^{3 "} Number ^{4 "} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T.	
	1	EP 0801505	10/15/1997	Tektronix Inc.			
						<u> </u>	
						╙	
	ļ					┢	
	<u> </u>					┡	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

NOV A P ARPE

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	e:required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
Substitute for form 1449/F10	Application Number	10/510,301	
INFORMATION DISCLOSURE	Filing Date	October 6, 2004	
STATEMENT BY APPLICANT	First Named Inventor	Ralph A. Braspenning	
45 T	Art Unit	2613	
OV 0 9 كالمالية (Luse as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	NL 020285	

Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
	number(s), publisher, city and/or country where published.	·
1	KIM JONG WON ET AL; "HIERARCHICAL VARIABLE BLOCK SIZE MOTION ESTIMATION TECHNIQUE FOR MOTION SEQUENCE CODING", OPTICAL ENGINEERING, SOC. OF PHOTO-OPTICAL INTRUMENTATION	
	ENGINEERS, BELLINGHAM, US., VOL. 33, NO. 8. 08/01/1994; PAGES 2553-2561; XP000462269.	
2	L. VANDENDORPE ET AL; "MOTION-COMPENSATED CONVERSION FROM INTERLACED TO PROGRESSIVE FORMATS", SIGNAL PROCESSING, IMAGE COMM. ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL,	
	VO. 6, NO. 3 06/01/1994; PAGES 193-211; XP000451925.	
3	LEE JAEHUN ET AL; "A NEW VLSI ARCHITECTURE OF A HIERARCHICAL MOTION ESTIMATOR FOR LOW BIT-RATE VIDEO CODING", IMAGE PROCESSING, ICIP 99, PROCEEDINGS,	
	99 INTERNATIONAL CONFERENCE ON KOBE, JAPAN 10/24/1999, PISCATAWAY, NJ, PAGES 774-778, XP010369030.	
	No. ¹ 1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. KIM JONG WON ET AL; "HIERARCHICAL VARIABLE BLOCK SIZE MOTION ESTIMATION TECHNIQUE FOR MOTION SEQUENCE CODING", OPTICAL ENGINEERING, SOC. OF PHOTO-OPTICAL INTRUMENTATION ENGINEERS, BELLINGHAM, US., VOL. 33, NO. 8. 08/01/1994; PAGES 2553-2561; XP000462269. L. VANDENDORPE ET AL; "MOTION-COMPENSATED CONVERSION FROM INTERLACED TO PROGRESSIVE FORMATS", SIGNAL PROCESSING, IMAGE COMM. ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, VO. 6, NO. 3 06/01/1994; PAGES 193-211; XP000451925. LEE JAEHUN ET AL; "A NEW VLSI ARCHITECTURE OF A HIERARCHICAL MOTION ESTIMATOR FOR LOW BIT-RATE VIDEO CODING", IMAGE PROCESSING, ICIP 99, PROCEEDINGS, 99 INTERNATIONAL CONFERENCE ON KOBE, JAPAN 10/24/1999, PISCATAWAY, NJ, PAGES 774-778, XP010369030.

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.